



PATENT Attorney Docket No. 014643-012110US/ A-72018/GKS/THR

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

TOMIZUKA et al.

Serial No. 10/000,433

Filing Date: November 30, 2001

Transgenic Transchromosomal For:

Rodents for Making Human

Antibodies

Examiner: LI, Q. Janice

Group Art Unit: 1632

CERTIFICATE OF MAILING

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Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

In satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicants wish to draw the attention of the U.S. Patent and Trademark Office to the references cited on the accompanying form PTO/SB/8A. Copies of the references are enclosed.

None of the foregoing references are believed to disclose the invention as claimed. Nothing herein shall constitute an admission concerning the contents of any of the cited references, nor shall the inclusion of a reference herein be considered an admission that the reference constitutes prior art against the invention claimed in the above-identified application.

12/30/2003 JADDO1 00000111 10000433

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Serial No. 10/000,433

Filing Date: November 30, 2001

Submission of the present document shall not be construed as an admission that a search has been made or that better art does not exist.

Pursuant to 37 C.F.R. §1.97(c), enclosed is a check in the amount of \$180.00 as set forth in 37 C.F.R. §1.17(p). While no further fee is believed to be due, if this belief is in error, the Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2319 (Our Order No. 455675-83 (A-72018/GKS/THR)).

BY:

Respectfully submitted,
DORSEY & WHITNEY LLP

Dated: December 18, 2003

Traci H. Ropp,

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TRADEMA	Oubstitute for it		VPTO	C mplete if Known		
	DOM)	lified)		Application Number	10/000,433	
	IFORMATION			Filing Date	November 30, 2001	
S	TATEMENT B	BY AF	PLICANT	First Named Inventor	TOMIZUKA, Kazuma	
				Group Art Unit	1632	
	(use as many she	ets as ne	cessary)	Examiner Name	LI, Q. Janice	
Sheet	1	of	2	Attorney Docket Number	014643-012110US/ A-72018/GKS/THR	

	U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No.1	U.S. Patent Document Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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V	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code ² Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶	
	В8	EP 0 773 288	05-14-1997	Kirin Beer Kabushiki Kaisha			
	В9	EP 0 843 961	05-27-1998	Kirin Beer Kabushiki Kaisha			
'n	B10	EP 0 972 445	01-19-2000	Kirin Beer Kabushiki Kaisha			
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	B12	EP 1 206 906	05-22-2002	Kirin Beer Kabushiki Kaisha			
	B13	WO 02/43478	06-06-2002	Medarex, Inc.			

	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T _€			
	C106	BONNEVILLE, M., et al., "Blockage of αβ T-cell development by TCR γδ transgenes," Nature 342(6252):931-934 (Dec. 1989).				
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	C114	ISHIDA, I., et al., "TransChromo Mouse," Biotechnol. Genet. Eng. Rev. 19:73-82 (Nov. 2002).				

Examiner Signature	Date Considered	

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TRADEMARY Substitute for form 1449A/PTO Complete if Known (Modified) 10/000.433 Application Number INFORMATION DISCLOSURE Filing Date Nov mber 30, 2001 STATEMENT BY APPLICANT First Named Inventor TOMIZUKA, Kazuma Group Art Unit 1632 , (use as many sheets as necessary) Examiner Name LI, Q. Janice 014643-012110US/ 2 2 Sheet of Attorney Docket Number A-72018/GKS/THR

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T€
	C115	KAZUKI, Y., et al., "Germline transmission of a transferred human chromosome 21 fragment in transchromosomal mice," <i>J. Hum. Genet.</i> 46(10):600-603 (2001).	
	C116	KUROIWA, Y., et al., "Cloned transchromosomic calves producing human immunoglobulin," <i>Nat. Biotechnol.</i> 20(9):889-894 (Sep. 2002).	
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i.	C120	ROBL, J.M., et al., "Artificial chromosome vectors and expression of complex proteins in transgenic animals," Theriogenology 59:107-113 (2003).	
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	C122	SHINOHARA, T., et al., "Stability of transferred human chromosome fragments in cultured cells and in mice," <i>Chromosome Res.</i> 8(8):713-725 (2000).	
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Examiner	Date
Signature	Considered Considered

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